BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Work Slip: As per Std Tender Documents

Name of Work: Construction of RCC Drains and Culverts at Hill side meadows, Sai Nagar in ward No. 03, Yelahanka Satellite Town sub Division
Estimate Amount:- 2,00,00,000/-
Name of Contractor:- M/s KRIDL
Approved amount:- 16894781.15/-
Tender premium:- --

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount	Rem
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount				
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
1	KSRRB300-1 Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the dispossed earth to be levelled neatly after breaking of clods completed as per specifications. KPWD S.R 2018-19	Cum	2287.08	211.79	484380.67	2448.13	2448.13	211.79	518490.30	0.00	211.79	0.00	518490.30	34109.63	0.00	
2	KSRRB M2900-1 Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour,HOM completed as per specifications	Cum	369.27	4479.56	1654167.12	395.05	395.05	4479.56	1769661.38	0.00	4479.56	0.00	1769661.38	115494.26	0.00	
3	KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for RCC work including Straightening, cutting, bending, hooking, placing in position, lapping and/or welding whereever required, tying with binding wire and anchoring to the adjoining members whereever necessary completed as per design ans specification.	Ton	39.43	72326.98	2851852.82	42.45	42.45	72326.98	3070443.90	0.00	72326.98	0.00	3070443.90	218591.08	0.00	
4	providing and laying plain/reinforced cement concrete foe drain walls and bottom thickness 15cm using M20 nominal mix concrete with OPC at 300kgs. With 20mm and down size granite metal coarse aggregates at 0.69cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc., completed as per specification.	Cum	649.96	7070.20	4595347.19	701.38	701.38	7070.20	4958880.61	0.00	7070.20	0.00	4958880.61	363533.42	0.00	

Sai Nagar Phase-3

Sl No of work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount	Remarks
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount				
2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
Supplying and fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and downside graded granite metal using reinforcement 10mm dia steel at 150mm c/cboth ways cost of transportation, hire charges of machinary, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of materials.	Sqm	1726.20	2337.00	4034129.40	1864.59	1864.59	2337.00	4357546.83	0.00	2337.00	0.00	4357546.83	323417.43	0.00	
													1055145.81	0.00	
Grand total															

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	16894781.15
Excess Amount =	1055145.81
Savings Amount =	1056636.78

Percentage of Worslip = $\frac{\text{Excess Amount}}{\text{Approved Amount}} \times 100$

Percentage of Worslip =	6.25 %

Contractor

Assistant Engineer

WORK SLIP APPROVED

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-100

Executive Engineer
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು - 560064

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Sai Nagar Phase-3

BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Comparitive Statement

Name of Work: Construction of RCC Drains and Culverts at Hill side meadows, Sai Nagar in ward No. 03, Yelahanka Satellite Town sub Division

Estimate Amount:- 2,00,00,000/-

Name of Contractor:- M/s KRIDL

Approved amount:- 16894781.15/-

Tender premium:- --

Sl. No.	Description of Work	Unit	Qty as per Schedule8			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
1	KSRR8300-1. Earthwork excavation by manual means for Drains and similar works in ordinar soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods completed as per specifications. KPWD S.R 2018-19	Cum	2287.08	211.79	484380.67	2448.13	2448.13	211.79	518490.30	0.00	211.79	0.00	2448.13	518490.30	34109.63	0.00	
2	KSRRB M2500-1. Plain cement concrete M10 mix with crushed stone aggregates 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour HOM completed as per specifications	Cum	369.27	4479.56	1654167.12	395.05	395.05	4479.56	1769661.38	0.00	4479.56	0.00	395.05	1769661.38	115494.26	0.00	
3	KSRRB M2200-6. Providing TMT Bars fe 500 steel reinforcement for RCC work including Straightening, cutting, bending, hooking, placing in position, lapping and/or welding whereever required, tying with binding wire and anchoring to the adjoining members whereever necessary completed as per design are specification.	Ton	39.43	72326.98	2851852.82	42.45	42.45	72326.98	3070443.90	0.00	72326.98	0.00	42.45	3070443.90	218591.08	0.00	
4	providing and laying plain/reinforced cement concrete foe drain walls and bottom thickness 15cm using M20 nominal mix concrete with OPC at 300kgs. With 20mm and down size granite metal coarse aggregates at 0.69cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc., completed as per specification.	Cum	649.96	7070.20	4595347.19	701.38	701.38	7070.20	4958880.61	0.00	7070.20	0.00	701.38	4958880.61	363533.42	0.00	
5	supplying and fixing precast reinforced concrete slab 100mm thick of mix M20 using 20mm and downside graded granite metal using reinforcement 10mm dia steel at 150mm c/cboth ways cost of transportation, hire charges of machinary, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of materials.	Sqm	1726.20	2337.00	4034129.40	1864.59	1864.59	2337.00	4357546.83	0.00	2337.00	0.00	1864.59	4357546.83	323417.43	0.00	
6	providing and laying precast drain slabs of thick 250mm thick of mix M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finishing surface on both sides etc., completed as per drawing and direction of engineer in charge of work.	Sqm	42.00	5418.00	227556.00	42.00	42.00	5418.00	227556.00	0.00	5418.00	0.00	42.00	227556.00	0.00	0.00	
7	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 150 x 400 mmremade out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.	Nos	4041.00	477.00	1927557.00	4041.00	4041.00	477.00	1927557.00	0.00	477.00	0.00	4041.00	1927557.00	0.00	0.00	
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	974.01	84.80	82596.05	744.80	744.80	84.80	63159.04	0.00	84.80	0.00	744.80	63159.04	0.00	0.00	
9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	147.14	57.03	8391.39	0.00	0.00	57.03	0.00	0.00	57.03	0.00	0.00	0.00	0.00	8391.39	
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC,spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	63.06	1855.00	116976.30	0.00	0.00	1855.00	0.00	0.00	1855.00	0.00	0.00	0.00	0.00	116976.30	

Sai Nagar Phase-3

of Work	Unit	Qty as per Schedule8			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
M400-17. Providing, laying, spreading and compacting crushed stone ates of granite / trap / basalt to wet mix macadam specifications ing pre mixing the material with water at OMC in mechanical mix plant age of mixed materials by tipper to site, laying in uniform layers with er in sub-base/base course on well prepared surface and compacting th vibratory roller to achieve the desired density complete as per pecifications.	Cum	84.08	2001.28	168267.62	0.00	0.00	2001.28	0.00	0.00	2001.28	0.00	0.00	0.00	0.00	168267.62	
KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.	Sqm	420.40	6.36	2673.74	0.00	0.00	6.36	0.00	0.00	6.36	0.00	0.00	0.00	0.00	2673.74	
KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	420.40	33.92	14259.97	0.00	0.00	33.92	0.00	0.00	33.92	0.00	0.00	0.00	0.00	14259.97	
14 KSRRB 500-2. Clearing the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications.	Sqm	1820.00	5.30	9646.00	0.00	0.00	5.30	0.00	0.00	5.30	0.00	0.00	0.00	0.00	9646.00	
15 KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat & including lead, lift and cost of all materials, labour, HOM complete as per specifications. 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.4% VG-30 Bitumen	Cum	28.16	5962.50	167904.00	0.00	0.00	5962.50	0.00	0.00	5962.50	0.00	0.00	0.00	0.00	167904.00	
16 KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications	Sqm	1820.00	12.72	23150.40	0.00	0.00	12.72	0.00	0.00	12.72	0.00	0.00	0.00	0.00	23150.40	
17 Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity BMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	54.60	8699.42	474988.33	0.00	0.00	8699.42	0.00	0.00	8699.42	0.00	0.00	0.00	0.00	474988.33	
18 KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streals and holes complete as per specifications.	Sqm	85.10	454.74	38698.37	0.00	0.00	454.74	0.00	0.00	454.74	0.00	0.00	0.00	0.00	38698.37	

Sai Nagar Phase-3

n of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
ion and Place Identification Signs with size morethan 0.9 sqm Size t: ding and erecting direction and place identification retro-reflectorised as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, ed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm upported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.	Sqm	1.62	7557.80	12243.64	0.00	0.00	7557.80	0.00	0.00	7557.80	0.00	0.00	0.00	0.00	12243.64	
Sub Total													16893295.06	1055145.81	1056636.78	
Miscellaneous & Rounding off													1486.08	1486.08		
Total				16894781.15									16894781.14	1056631.90	1056636.78	

Executive Engineer-3
KRIDL, BBMP, Bangalore

Assistant Engineer

Asst. Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Executive Engineer
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು - 560064

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

	Sai Nagar Phase-3